

DEVICES APPROVED TO PREVENT GLARE FROM MOTOR LIGHTS

Of Those Submitted Twenty-Four Meet Requirements of Act.

GIVE MOTORISTS TIME

A report by Prof. Laing with respect to various devices for the elimination of glaring headlights, has been prepared which shows the result of a series of tests carried out for the purpose of bringing into effect the following provisions of the motor vehicle act:

(1) It shall be unlawful to carry on a motor vehicle any lighting device of over four candle power, equipped with a reflector, unless the same shall be so designed, deflected or arranged that no portion of the parallel beam of reflected light which is projected 75 feet or more ahead of the lamp shall rise above 42 inches from the level surface on which the vehicle stands.

(2) Any device for the eliminating of glare, approved from time to time by the minister of public works and highways, when in proper adjustment, and having a lamp of candle power not in excess of that authorized by the minister for such device, shall be held to be in conformity with the next preceding subsection.

Many inventors submitted. Prof. Laing's report finds that, of the devices submitted for tests, 24 comply with the provisions of the statute, eliminating glare to a reasonable degree, and permitting a safe driving distance of the lamp in any way indicated by the report.

The maximum permissible candle power of a lamp is prescribed by the report in each case, also proper adjustment, with respect to tilt of beam from the horizontal and focal adjustment of the lamp.

It is to be pointed out that headlights of motor vehicles will produce excessive driving light, otherwise pedestrians on the highway, when drawn vehicles are endangered. A number of devices submitted for test, overcome glare, but do so by reducing rather than controlling or deflecting the light. The driving light was thus lessened, in a dangerous degree.

Must Be Careful. The effectiveness of the approved devices in overcoming the dangers and inconveniences of glaring headlights will largely depend upon a general and willing co-operation to that end. Manufacturers may do much by seeing that cars, when sold, are equipped with approved devices, in proper adjustment. Present owners will no doubt, without unnecessary delay, adopt approved means in this regard. It would not, however, be unreasonable for police authorities throughout the province to delay a right enforcement of the act until January, 1921, concurrent with the beginning of the next license year, in order that ample time for compliance with the law may be given.

The adjustment of headlights may readily be made after the manner of the car on level ground or a horizontal floor, and facing a wall, fence or screen. Service stations, in a number of instances in the United States, have provided headlight testing service, a form of co-operation which is exceedingly useful in assisting owners to keep their headlights in proper adjustment.

Devices That Are Approved. The glare-reducing devices approved by the report are as follows: Sun-Ray, Holophane, Silla (green top), Silla (clear), Benzor, Primos, Violet Ray, Sunlite, Koppis, Liberty, Macbeth, Clamert, Warner-Patterson, Lee Knight, McBride, Leveille, Raydex, Comphory (clear), Comphory (oval), McKee, Osgood, Shaler Road-lighter, Legallite M. II.

CAPACITY SHORTAGE IS ONLY DRAWBACK

(Continued From Page 1).

ton-Elmira line will be proceeded with after the statement promised is put in Toronto-St. Catharines line.

In regard to the Toronto-St. Catharines line, Mr. Gaby said that the 1921 estimates provided for a double track from Bay to Bathurst streets, with grade separations at Bay and York streets and level crossings at John Street and Spadina avenue. The level crossings from New Toronto to Hamilton would be practically the same as on the existing road. The radial crossings would be from a few yards up to a mile distant from the Grand Trunk. They would not cross the Toronto-Hamilton highway at grade. From Oakville to Burlington the line of the Dominion Power Co. would probably be used. This would be purchased at cost, less depreciation. By taking over the Dominion Power line a short cut, saving half an hour, would be provided between Burlington and Hamilton. Negotiations were proceeding for the use of the Grand Trunk line of way into Hamilton. The only railroad between Beamsville and St. Catharines, within a mile of the Hydro radials, was the G.T.R. Witness further stated that there were no level crossings from Stony Creek to St. Catharines. Mr. Gaby informed the commission that the Toronto-St. Catharines radial owned 50 to 75 per cent. of the right of way from Toronto to Oakville, and 10 to 50 per cent. of the right of way from Burlington to St. Catharines. The estimates included the price of the right of way already acquired and to be acquired.

Cost of Toronto Terminals. Mr. Gaby said that two-thirds of the cost of the Toronto terminals was charged against the Toronto-St. Catharines line, and one-third against the Toronto Eastern. If other lines used the terminals they would be charged proportionally. He estimated that Toronto Suburban, to get into Toronto terminal, would have to use about five miles of the Toronto-St. Catharines line. The length of the Toronto-Hamilton line would be 46.2 miles. The revised estimate of cost of construction, exclusive of equipment, was \$18,577,847.33. This was about four

A REAL POLICY FOR PREMIER DRURY

The World herewith submits to Premier Drury what it thinks is a better plan than any yet made for dealing with the English River pulp mills and the request of the people of the town of Kenora for assistance in their power development endeavours.

Mr. Backus has been in Toronto for weeks pressing his claims for the limits; he has had the people of Kenora here, also their mayor and local members, with tears in their eyes, trying to get relief for the town; also incidentally to help Mr. Backus, who in return will help Kenora by taking over its power commitments. He will also build his pulp mills at Kenora. He is a real angel! The Globe has also tendered advice to Premier Drury, and we take the substance to be that Backus should get the limits by public competition, and then take over the power plant at Kenora, and all will be well. We reprint alongside The Globe's editorial of yesterday. It sets out a part of the facts, but no clear-cut line of action.

The World's plan is that Ontario do not sell the limits to Backus, but keep them also take over Kenora's water power development. Next let the province turn over the water powers of the river and lake and the Hydro-Electric Commission. Then let the province under some suitable commission develop this big pulp limit and sell the pulp and paper to Canada, preferably Ontario, papers.

Why not try this at once, Mr. Drury? You have said you want to help the Canadian papers. Do so in this case. Find out also what it costs to keep the pulp and other forest areas continuous. Then you will know just what the actual costs are and how much the province is entitled to get for its pulp hereafter. Hitherto it has been settled by rule of thumb and by unnecessary destruction of the forests. Keep them growing, own at least one big experimental plant. Show by actual working that the pulp can be cut over for ever if properly guarded.

The way to check up the pulp and paper men is to go into the business from the ground up. This is your opportunity, Mr. Drury, to do the best thing for the people of Ontario, who own these limits and water powers and want the best possible administration thereof. They agree with you in what you said yesterday at Ottawa that you have done the right thing in overturning "the worst system of forest profiteering on the North American continent." By offering was done you did not say, but we imagine you meant responsible officials and crooked pulp and lumber firms.

Try something newer and better. The people would like to see a pulp mill worked out as a public-owned proposition.

And now is the time for the newspapers of Ontario, who think they have a hard deal, to endorse the above proposal.

And, Mr. Premier Drury, if you wish to get some light on the profits of the pulp and paper industry located on Ontario limits, read the financial statement of the Albitoli Paper Co. (Incorporated in 1914) to be found at page 134 of the Houston's Financial Review; also look up the same annual. Also the brokers' particulars now being flooded all over Ontario and particularly among the farmers. They show enormous earnings from the ground up.

P.S.—Since the above article was in type the Drury government gave out a statement of a settlement they have made with Mr. Backus to let him have the limits on terms and for him to take over the interests and hopes of Kenora in the matter of power. If that is the deal we still treat our views as set out above. Mr. Drury has missed a great opportunity. What has he, what has The Globe to say, to our suggestion? Mr. Backus may have still other deals to put over Mr. Drury.

As far as witness remembered, the value of the Guelph line was estimated at \$1,000,000 and \$500,000 for the Weston-to-Woodbridge line. All told, the Toronto Suburban lines were valued at over \$2,000,000. Bylaws had not been submitted to the municipalities concerned in connection with the subscription.

Owing to the want of material, Mr. Hellmuth said he would pursue the enquiry regarding these later on. Witness gave Mr. Robertson, counsel for the non-consenting municipalities, information regarding the Hydro acts of 1913-14; also as to the Ontario Municipal Electrical Association, and the later Hydro Association. The representatives were chosen by the different councils and had practically no power.

"Wasn't it actually the association who advised the commission?" "It was the representatives of the municipalities who had contracts with the commission."

Mr. Gaby said that, in 1913, 200,000 additional horsepower was planned for. He admitted that the Hydro had not enough power to supply the demand. It was a shortage of capacity.

The first requests for Hydro radials was in 1914. The request came from Whitby and Markham townships. The hearing was adjourned.

Mr. Gaby said that the C.N.R. Niagara-St. Catharines-Toronto line was 61 miles in length, was in operation and tapped Lake Ontario at three points and Lake Erie once. Mr. Gaby said the Hydro was getting these lines at \$1,250,000 less than it would take to reproduce them, the \$224,000 would have to be spent on equipment.

The Woodbridge Line. Mr. Gaby said the Woodbridge line was 12 miles long. The Guelph cars came in over the Lambton Street Railway line, the two radials meeting at Keele and Dundas streets. The Guelph to Lambton line was 46 miles in length.

GRAND OPERA! Matinee Even. 2:30 to 5:15. Wed. & Sat. 2:30 to 5:15. THE MUSICAL CARTOON THE KATZENJAMMER KIDS

ON THE HIRING LINE MARY ANDERSON OWN COMPANY

MAKE BIG OUTLAY ON STREET RAILWAY

P. W. Ellis Says Fares Will Be Fixed to Cover Cost of Service.

The public will have to get used to the idea that an improved car service in Toronto is going to cost them something," said P. W. Ellis, chairman of the Toronto Transportation Commission, yesterday when asked for details of his estimate that it might be necessary to expend from \$50,000,000 to \$100,000,000 on the system.

Mr. Ellis said his figures were merely a guess and that until the engineers have compiled data, and a decision had been reached on the questions of policy had been settled, or what fares would have to be charged to provide the service. But whatever the cost the fares would have to cover it, and it was almost a certainty that fares would be increased.

The present fares, he said, were merely a guess and that until the engineers have compiled data, and a decision had been reached on the questions of policy had been settled, or what fares would have to be charged to provide the service. But whatever the cost the fares would have to cover it, and it was almost a certainty that fares would be increased.

Mr. Ellis expressed the belief that the public will recognize the impossibility of satisfactorily solving overnight problems which have been difficult and acute for, from ten to fifteen years.

announcements is made that the most important experts available will be engaged as soon as possible to report on the engineering requirements of an adequate transit system, which must be self-sustaining.

The latest link in the chain of G. A.U.V. branches, which is constantly growing larger, was forged at Aurora, Ont., on Wednesday evening, Herbert Capewell, member of the advisory board, and J. Harry Flynn, Dominion organizer of the society, addressed a mass meeting of citizens and veterans in Mechanics' Hall in connection with the organization and chartering of the new branch. About thirty per cent. of the large audience present were ladies, who voted to form a branch of the Ladies' Auxiliary of the G.A.U.V. immediately.

A new branch of the G.A.U.V. at Granby, P.Q., is also reported.

STEELE WORKER INJURED. But for the immediate and courageous assistance rendered him yesterday by a fellow workman on the job, Frank Carvell, whose hand was badly crushed in the machinery of a winch near the top of the steel structure of the annex to the King Edward Hotel, he might not be resting as easily as he is at St. Michael's Hospital today.

One of the other steel structural ironworkers near the scene of the accident, hurried to Carvell's assistance, attracted by the cries of the injured man. He fell working along the girder by degrees, both holding onto the girder. The injured man with his free arm the other holding the injured man with one arm and the other with the other.

The injured man was sent to St. Michael's Hospital, where it was found necessary to amputate several of the fingers.

At one stage of the climb down the girder, the restieed was almost at the point of collapse, and continued the rest of the way only by dint of will power.

SAY RENTALS UP 50 PER CENT. It is charged, in a letter to Mayor Church, that the rentals of houses controlled by the Toronto Housing Company have been increased 50 per cent. since the Trusts & Guarantee Co. took over the management of the houses, and that the service has been reduced. The bonds of the Housing Company were guaranteed by the city to the extent of \$5 per cent.

IT'S A BEAR! SHRINERS' PICCADILLY CIRCUS Transportation Building EXHIBITION PARK

Every Evening Until Oct. 2 ADMITTANCE 10c. IN AID OF "GOOD DEEDS" FUND

MASSEY HALL NEXT WEEK THE PICTURE WITH A MESSAGE TO FATHERS, MOTHERS, SONS AND DAUGHTERS

OPEN YOUR EYES It throws the searchlight full force upon a subject long neglected and calls "a spade a spade."

SEATS NOW Matinee Daily, 2:30-5:00. Evenings, 7:30-10:00. Persons under 16 not admitted.

SUGGEST MOTIVE IN DOUGHTY CASE

Counsel Asks if Small Estate is to Be Eaten Up in Litigation.

The further examination of Mrs. Lovatt, sister of John Doughty, for disclosure under the absence act, was continued yesterday before Col. Bruce at the city hall.

The examination was adjourned last Monday for Mrs. Lovatt to produce all the letters she received from her brother during his residence in Montreal. There was nothing in them, however, to show that he ever contemplated, even up to December 23, disappearing in such a manner as to leave his friends in doubt as to his whereabouts. That he was not frustrated by his new position in Montreal was manifest in his letters, but he said nothing about seeking pasture new.

Mrs. Lovatt repeated her belief that her brother was not dead, but could offer no explanation to back up her opinion.

Will Make Affidavit. Yesterday morning G. T. Walsh moved before Mr. Justice Meredith for an order to have Miss Jean Doughty, a sister of John Doughty, appear in court.

Miss Clara Martin, on behalf of the family, alleged there was an ulterior motive on the part of Mr. Walsh in making the application. "Is a small estate of three houses to be eaten up in litigation?" she asked.

Mr. Walsh replied that he wanted Miss Jean Doughty's testimony as to whether her brother was dead or alive.

NEW VETERANS BRANCH FORMED AT AURORA The latest link in the chain of G. A.U.V. branches, which is constantly growing larger, was forged at Aurora, Ont., on Wednesday evening.

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VARTY LAKE WOMAN IS FOUND DROWNED Kingston, Ont., Sept. 30.—(By Canadian Press).—Mrs. Burton George, a resident of Varty Lake, left her home to go to Verona to interview the family doctor. Later she left his office saying that she was going for a short walk. An hour later her dead body was found floating in Rock Lake, close to Verona village.

TORONTO'S LEADING PHOTOPLAY THEATRES DIRECTION, FAMOUS PLAYERS CANADIAN CORPORATION, LIMITED.

Regent WALLACE REID In "What's Your Hurry?"

THOMAS MEIGHAN in "CIVILIAN CLOTHES" A Paramount-Artcraft production

Strand ONLY TWO DAYS "HUMORESQUE" Today and Saturday

FAMILY Queen, Corner "VICTORY" and "A Paramount Artcraft production

LOEW'S UPTOWN ALL WEEK—YONGE AT BLOOR ST.—ALL WEEK CONTINUOUS, 1 TO 11 P.M.

SHEAS THEATRES THE DENISHAWN DANCERS KIRBY, QUINN AND AUGER BERT FITZGIBBON

TORONTO GIRL KILLED IN MOTOR MISHAP

"Be careful, new Frances, and goodbye," said E. W. Monck, a manager of the Dominion Express, as he and George McAdoo let little Frances Ames out of their car at the west corner of College street and Euclid avenue yesterday shortly after noon. Three minutes later Frances, aged only four, was struck by an automobile owned and driven by Bernard Silverbird, 52 Olive street.

She was taken by Mr. Monck to the Western Hospital, where it was found she was suffering from a fractured skull. She died two hours later.

Silverbird was detained at police station No. 3 for a few minutes, examined, and allowed to go.

According to information given to the police the girl stepped from the automobile at the curb immediately in front of Mr. Silverbird's car, the mud-guard of the latter catching her and throwing her down.

This makes the twelfth automobile death for September, 1920.

D.O.H. PASSES TO D.S.C.R. DIRECTORS Plan to Turn Hospital Into Armory is Deferred—Spadina Patients to Be Transferred.

The Dominion Orthopaedic Hospital is to be taken over immediately by the department of soldiers' civil re-estabishment, according to an announcement made yesterday by Col. G. Morrison, director of the D.S.C.R.

The Spadina patients will be transferred to the new quarters at Christie street.

The new superintendent is to be selected from the present list of officers of the D.S.C.R. and will be assisted by Spadina superintendent, Dr. Johnson. Col. McVicar, the present officer commanding the Dominion Orthopaedic Hospital, passes out with the military regime.

The idea of converting the Dominion Orthopaedic Hospital into a huge armory will not be acted upon at the present, and patients will be treated there thru the winter at least. Davisville and Euclid Hall are to carry on as usual until next spring, those patients of the S.C.R. now has about 1300 patients, about half of whom are in Toronto.

MERIT MARKS FOR POLICE Patrol-Sergeant Robert Clarke of Claremont street station and Constable O'Driscoll were yesterday afternoon honored with merit marks by the board of police commissioners as reward for smartly arresting burglars and recovering several thousand dollars' worth of goods. P.C. Fred Miller, ex-service man, with only a few months' service on the police force to his credit, was another who was honored with a merit mark. Constable Parker was still another. P.C. Woods was permitted to resign.

BAY STREET CORNER ROUNDED The southwest corner of Queen and Bay streets, where a Dominion Bank building is being erected, was rounded yesterday, 15 feet being cut off the corner and 12 feet off the sidewalk. The moving of the sidewalk back is a great improvement, and lessens the danger of the corner greatly.

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BIG THANK OFFERING BY PRESBYTERIANS

General Board Appoints Day of Prayer in All the Churches.

At a meeting of the general board of the Presbyterian Church in Canada held in the Confederation Life building yesterday, it was announced that five and one-quarter million dollars had been subscribed to the thank offering of which more than one and one-half million had already been paid.

Plans were laid for the continuation of the program in home religious education.

C. A. Meyers, secretary of young people's work, will act temporarily as secretary of the life services committee, and Dr. W. G. Wallace, late minister of Bloor Street Church, will be temporary organizing secretary for the forthcoming thank offering committee.

Today the board will make appointments as editor and business manager of the new churchman, the forerunner of the thank offering.

Dr. D. R. Drummond, Hamilton, is chairman of the board, John A. Patterson, K.C., vice-chairman, and Dr. Robert Laird, secretary. There are 33 representatives present, every province of the Dominion being represented. Almost half the board is composed of prominent laymen among whom are E. Kaulbach, Halifax; Alex. Wilson, St. John; James Rodger and W. B. Wood, Montreal; Professor W. J. McClelland, Kingston; Norman Slater, Hamilton; J. P. Ross, Calgary; W. R. Ross, Holland; Min. W. R. Macbride, Ottawa, and J.K. Macdonald, Thos. Bradshaw, Arthur Hewitt, Jos. Henderson, C. S. Macdonald and Hamilton Cassels, K. C., Toronto.

APPRECIATES FIREMEN. Dr. W. A. Young, 143 College street, has forwarded a cheque for \$25 to the chief of the fire brigade as a small recognition of the services of the brigade in connection with a fire which occurred at his house recently.

ALEXANDRA (Mat. Sat.) THE MUSICAL HIT OF THE SEASON "DEARIE" A Complete Broadway Cast and The Fastest Singing, Dancing Chorus

NEXT WEEK SEATS NOW MATINEES—WED. AND SAT. Richard Wallon Tully Presents The Popular Hawaiian Romance

LOEW'S UPTOWN ALOVE STORY IN HAWAII A Brilliant Cast, including FLORENCE ROCKWELL and the SINGING HAWAIIANS

PRINCESS Evenings Mat. Tomorrow The Comedy That Broke the World's Record LIGHTNING

NEXT WEEK—SEATS TODAY ROBERT MANTELL B.

NIAGARA'S VAUDEVILLE Now Playing COLLEGE GAYETTE FERN, BIGELOW AND KING

ALHAMBRA Now Playing "THE WORLD AND HIS WIFE" An Exceptional Scandal Story Mack Sennett Comedy Space to park your car.

LOEW'S ALL YONGE ST. THEATRE ALL WEEK WINTER GARDEN ALL WEEK PEARL WHITE In "THE WHITE MOLL" 6-BIG VAUDEVILLE ACTS-6

GAYETY LADIES' MATINEE DAILY MILLION DOLLAR DOLLS WITH JOE FREED AND A CHORUS OF BIRDS

STAR GROWN UP BABIES The Show of No Regrets